

FIG. 1

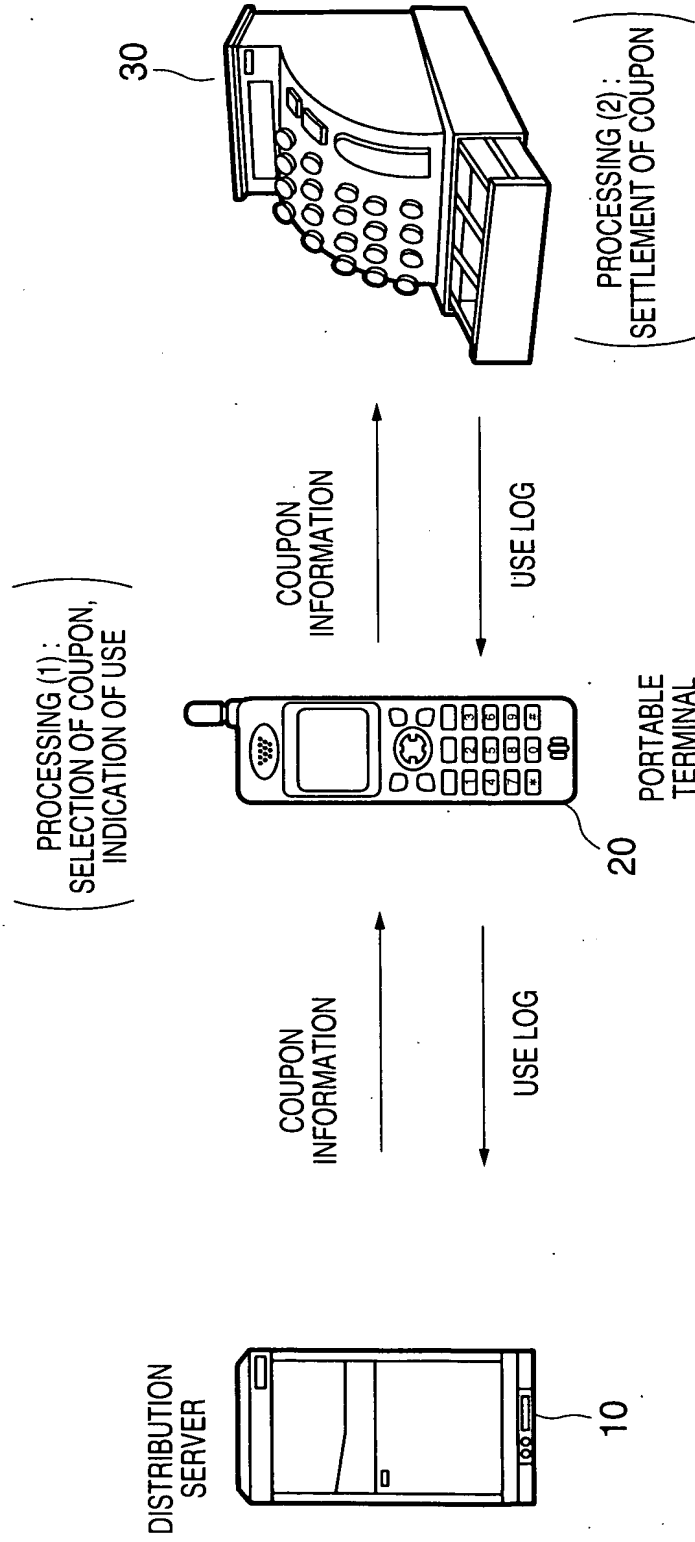


FIG. 2

PURCHASE INFORMATION IDENTIFIER	OBJECT COMMODITY	PRIVILEGE	OBJECT STORE	CLASSIFICATION OF PURCHASE INFORMATION
148739	COLA	8% DISCOUNT	CONVENIENCE STORE B	COUPON
8475092	LUNCH	\$1 DISCOUNT	CONVENIENCE STORE B	COUPON
847620	FROZEN FOOD	20% DISCOUNT	SUPERMARKET A	COUPON

FIG. 3

STORE IDENTIFIER	STORE NAME	ADDRESS	LATITUDE ,LONGITUDE
498245	CONVENIENCE STORE B	1000 I STREET, N.W.	XX1, YY1
918472	SUPERMARKET A	1200 I STREET, N.W.	XX2, YY2
62876	AB BOOKSTORE	1300 I STREET, N.W.	XX3, YY3

FIG. 4

PURCHASE INFORMATION IDENTIFIER	USER IDENTIFIER	USED STORE IDENTIFIER	USED DATE
148739	74859	498245	1999/12/23, 18:25
8475092	298571	498245	1999/06/10, 10:40
847620	444442	918472	2000/01/09, 12:30

FIG. 5

PURCHASE INFORMATION IDENTIFIER	USED STORE IDENTIFIER	USED DATE
148739	498245	1999/12/23, 18:25
8475092	498245	1999/06/10, 10:40
847620	918472	2000/01/09, 12:30

FIG. 6

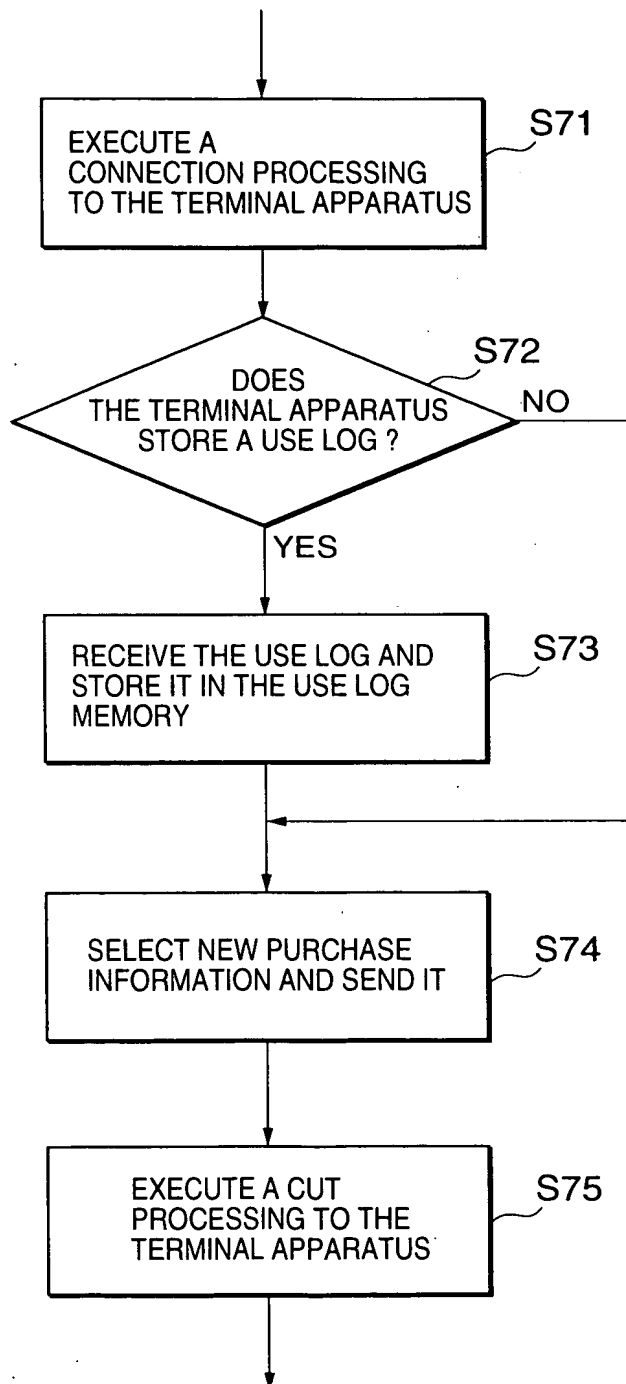


FIG. 7

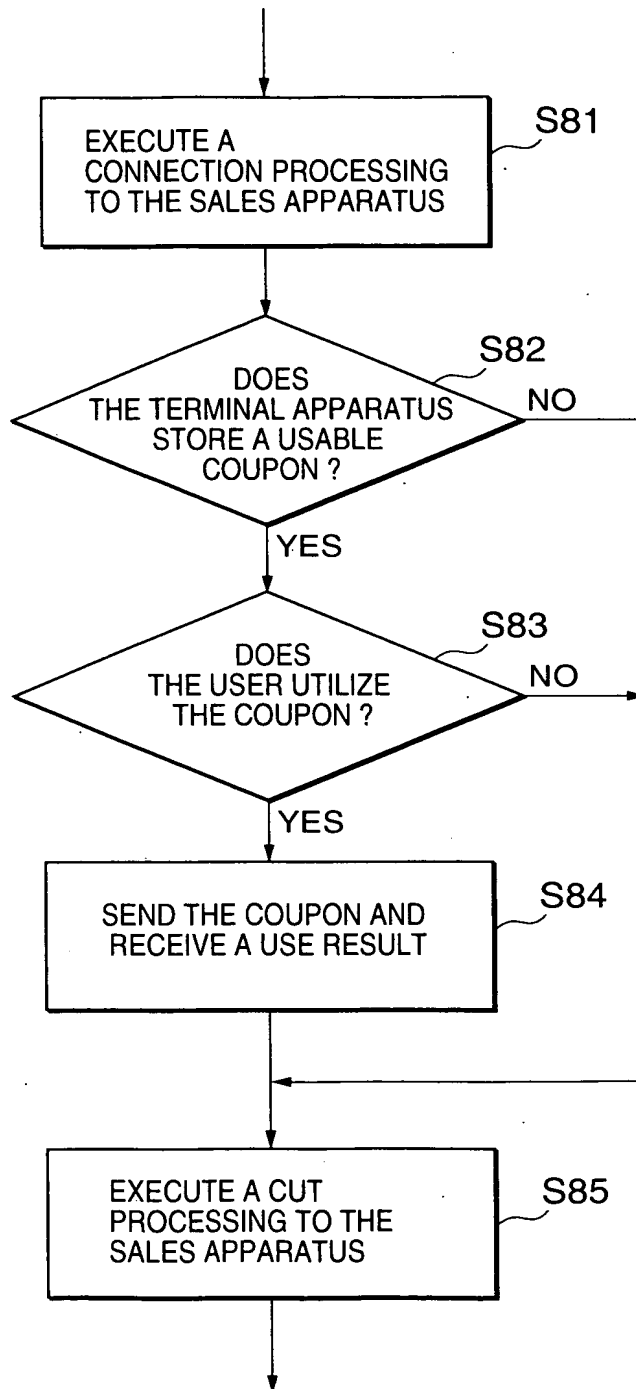


FIG. 8

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PURCHASE INFORMATION MENU

1. NOTIFICATION OF COUPON USE
2. NOTIFICATION OF PAYMENT REQUEST
3. CONFIRMATION OF INFORMATION

FIG. 9

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COUPON CONFIRMATION SCREEN

1. COLA 8% DISCOUNT

2. PIZZA \$1 DISCOUNT

USE CANCEL

FIG. 10

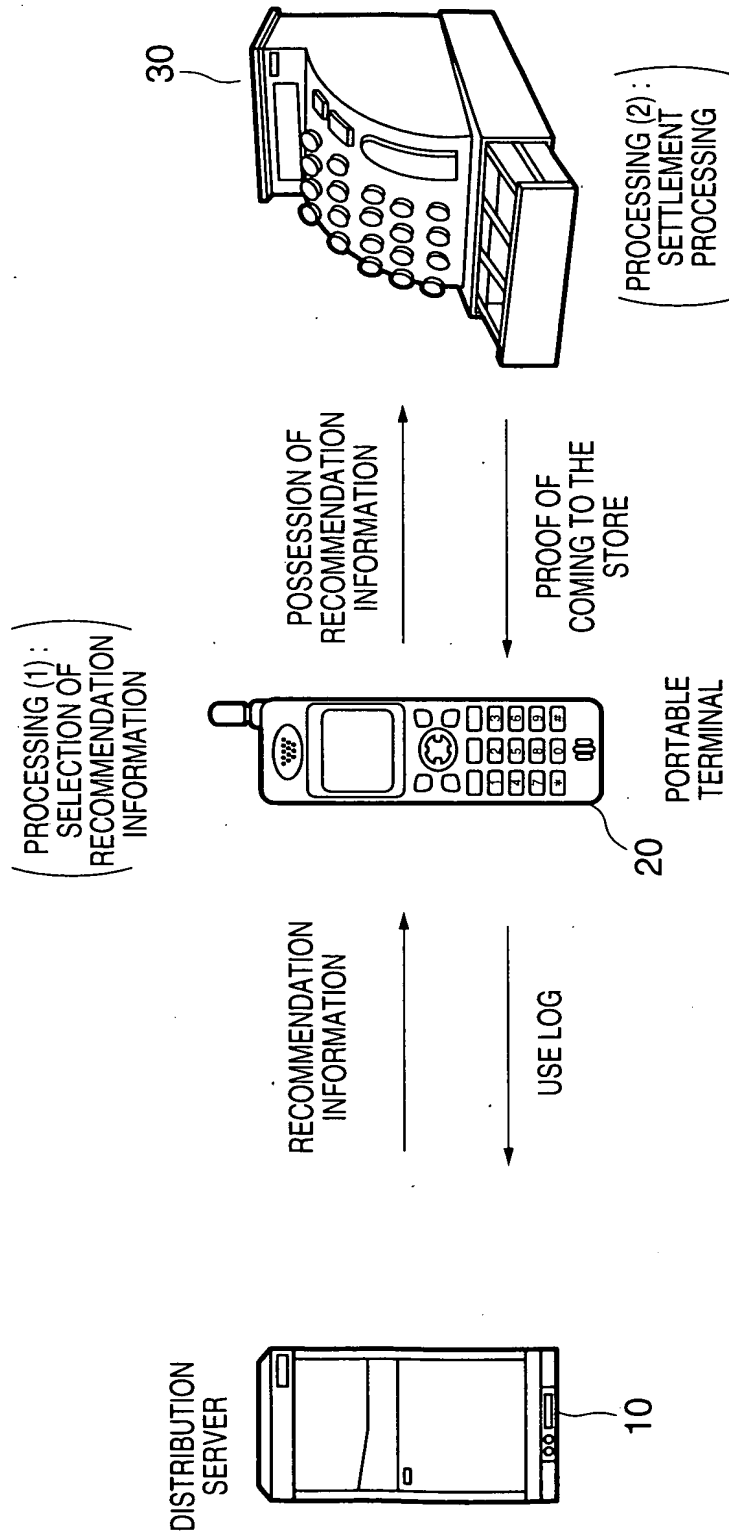


FIG. 11

PURCHASE INFORMATION IDENTIFIER	RECOMMENDATION INFORMATION	OBJECT STORE	CLASSIFICATION OF PURCHASE INFORMATION
148744	GOOD NOODLES	NOODLE SHOP A	RECOMMENDATION
8475010	GOOD SEAFOOD SERVED IN THE POT	TAVERN B	RECOMMENDATION
758305	INEXPENSIVE CHEESE CAKE	TEAROOM C	RECOMMENDATION

FIG. 12

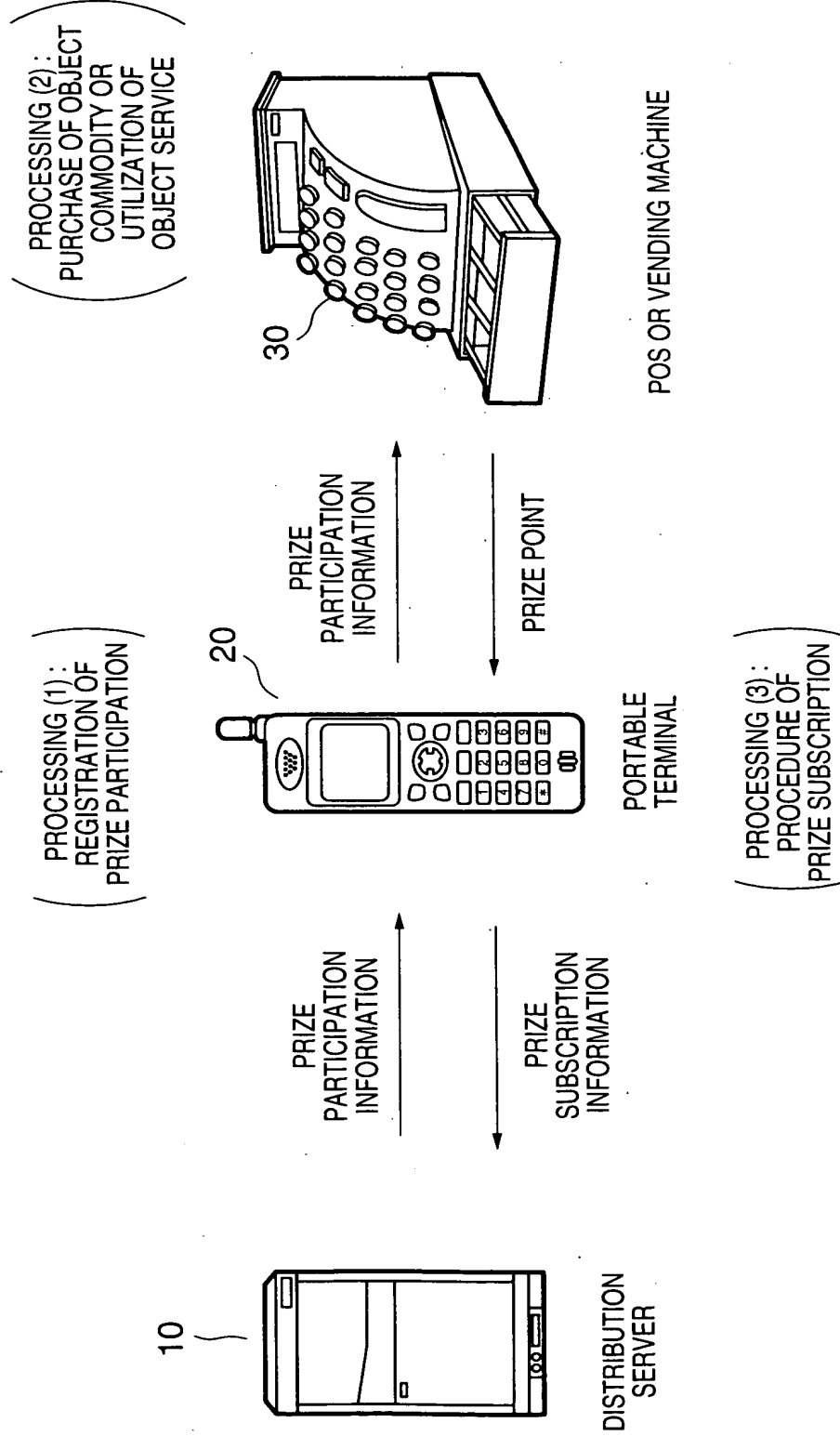


FIG. 13

PURCHASE INFORMATION IDENTIFIER	OBJECT COMMODITY	POINT	NUMBER OF NECESSARY POINT	CLASSIFICATION OF PURCHASE INFORMATION
148739	COLA	1	12	PRIZE PARTICIPATION

FIG. 14

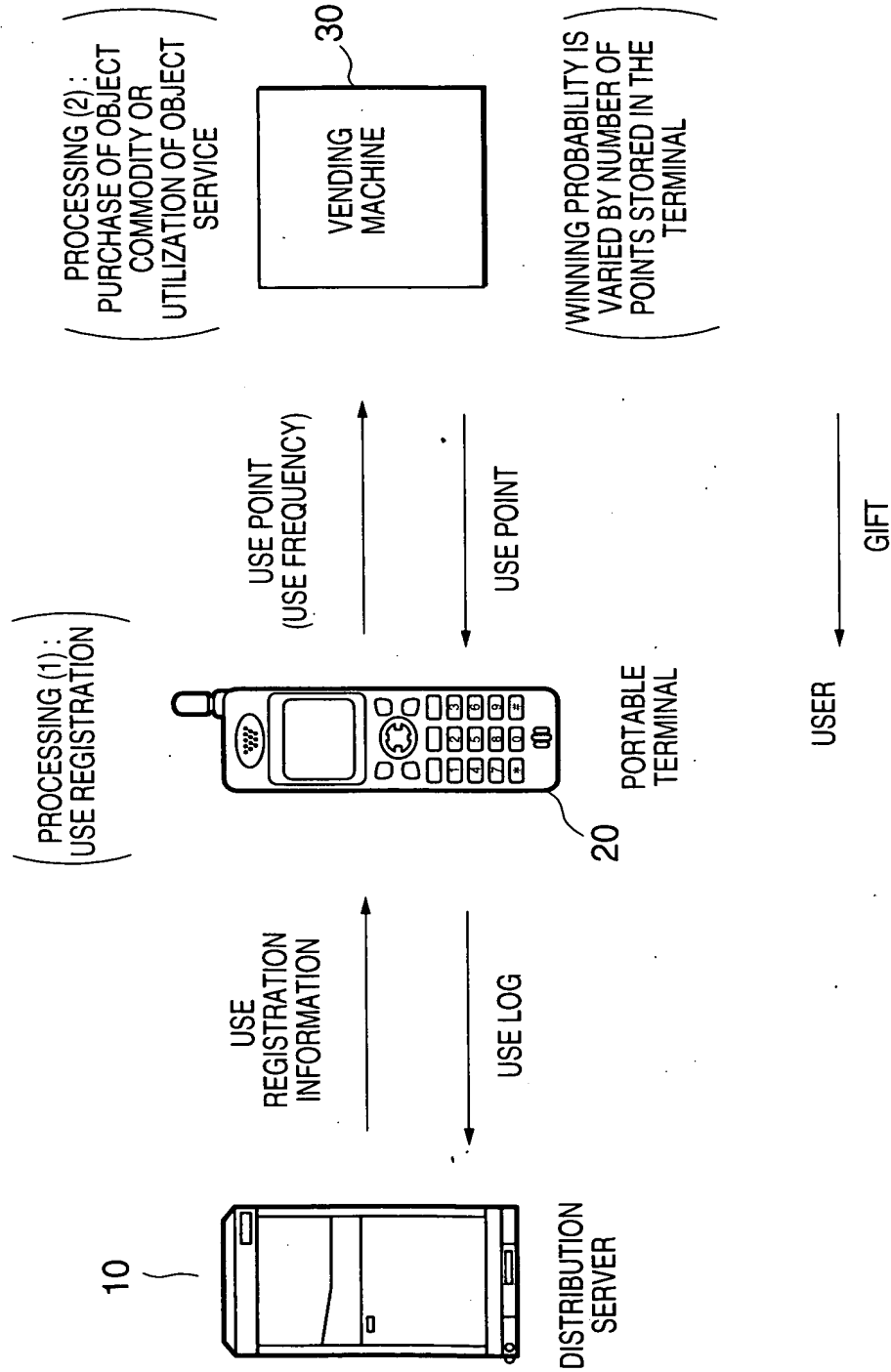


FIG. 15

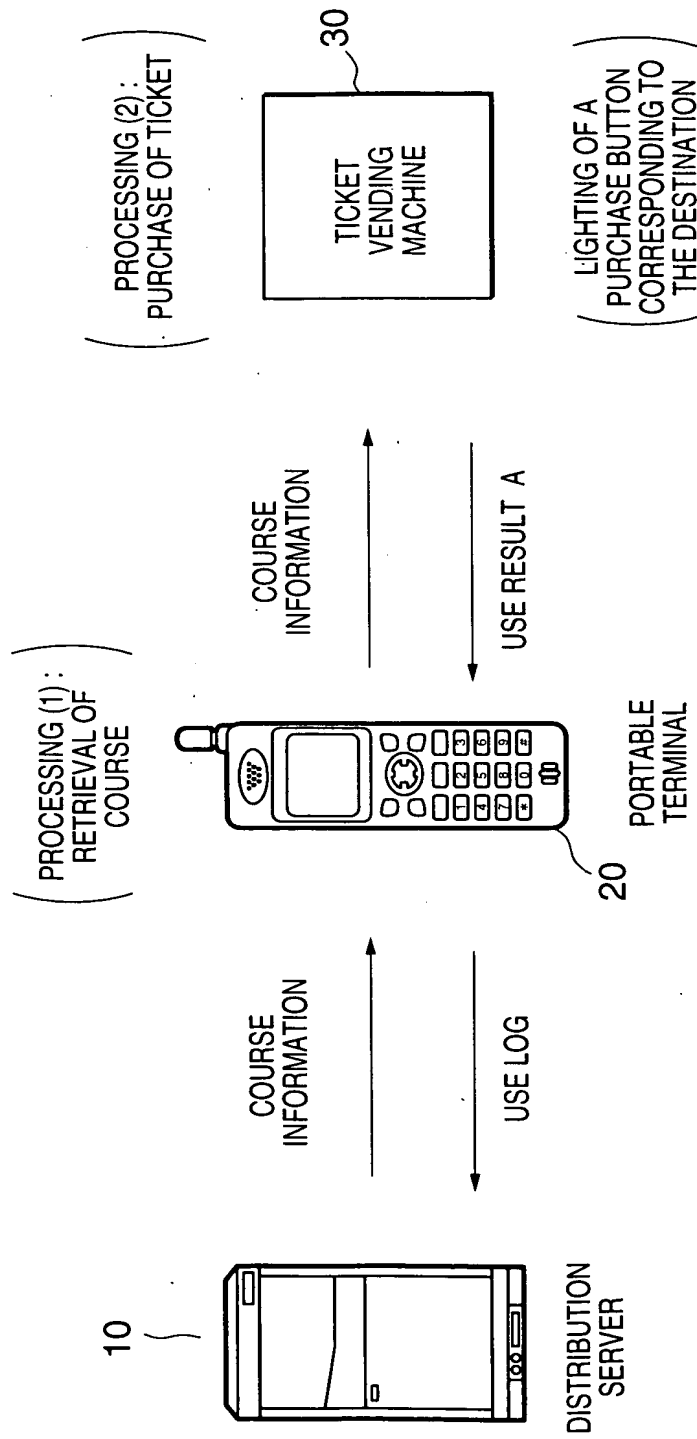


FIG. 16

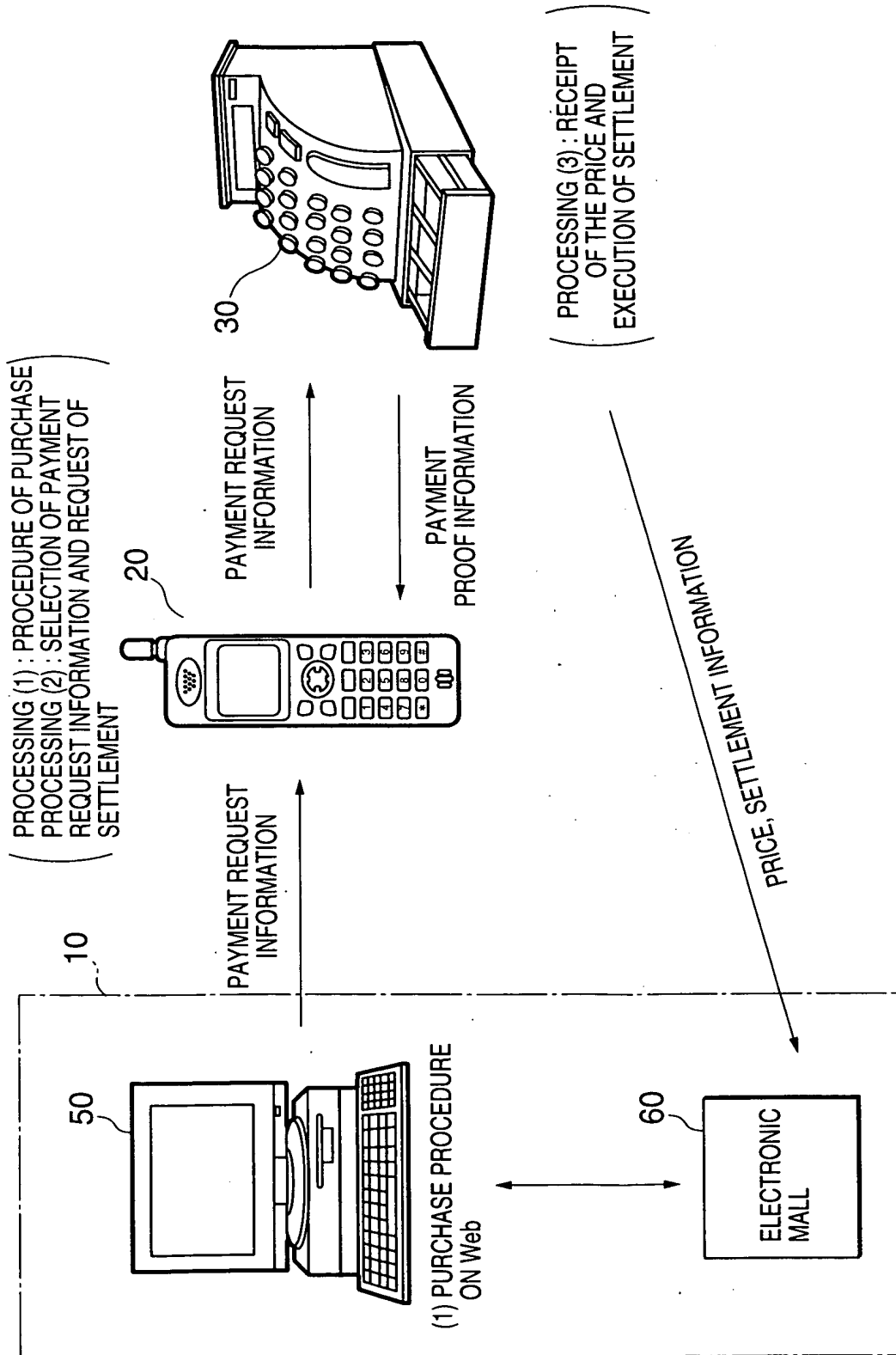


FIG. 17

PURCHASE COMMODITY

COMMODITY : SUPER DIET A

QUANTITY : 1

PRICE : \$70

INDICATION OF PAYMENT METHOD

PRINT A PAYMENT REQUEST FORM

TRANSFER A PAYMENT REQUEST INFORMATION

FIG. 18

PURCHASE INFORMATION IDENTIFIER	PAYMENT REQUEST NUMBER	AMOUNT OF MONEY	CLASSIFICATION OF PURCHASE INFORMATION
826409	236846	\$ 70	PAYMENT REQUEST

FIG. 19

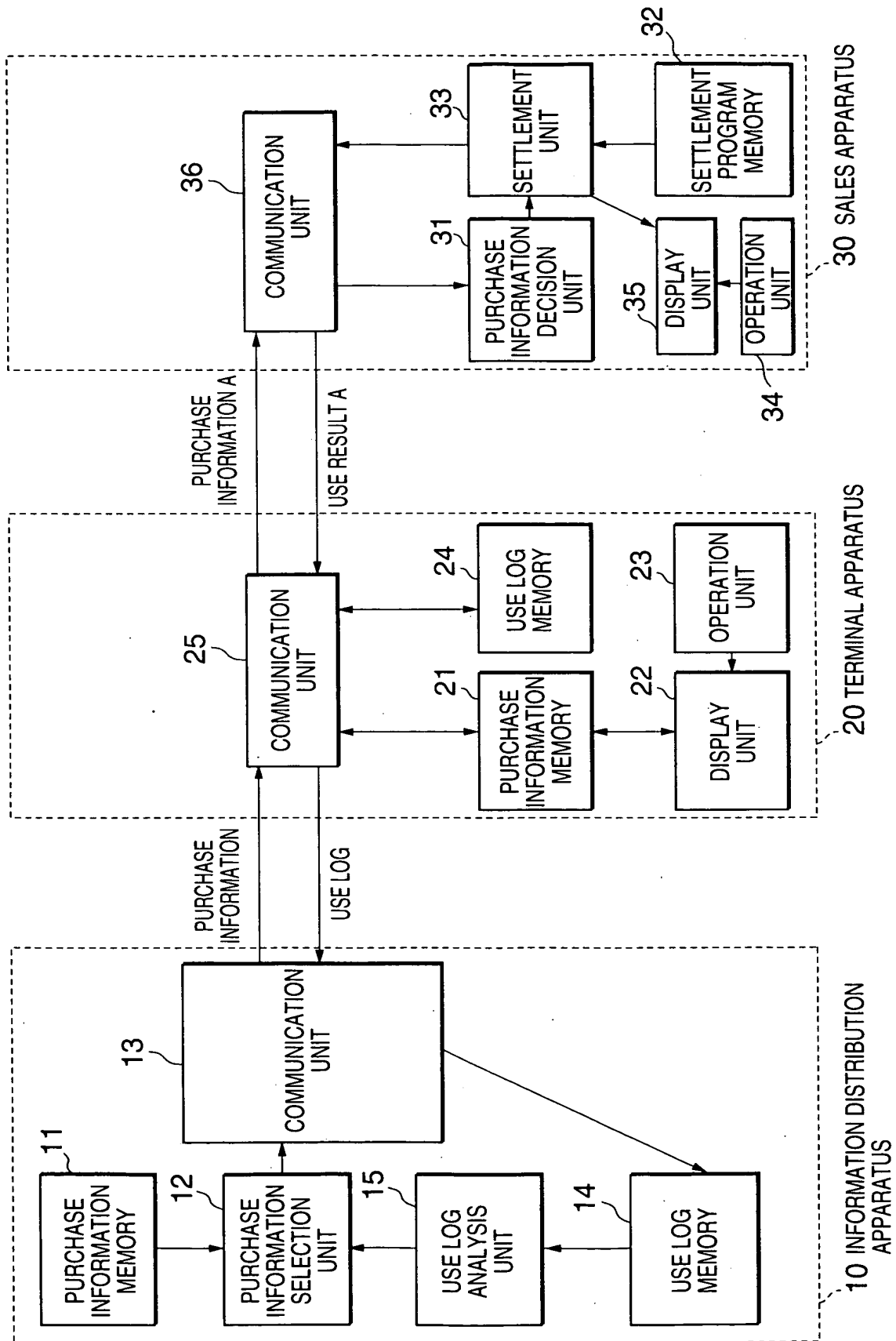


FIG. 20

PURCHASE INFORMATION IDENTIFIER	USER IDENTIFIER	ADDITIONAL COMMENT OF USER
148744	74859	GOOD
148744	298571	NOT GOOD
148744	444442	GOOD
7463295	444442	GOOD

FIG. 21

USER IDENTIFIER	SELECTION CONDITION 1	SELECTION CONDITION 2
74859	TENDENCY SAME AS 44442	LIKING OF NOODLE
298571	TENDENCY REVERSE OF 44442	LIKING OF CAR

FIG. 22

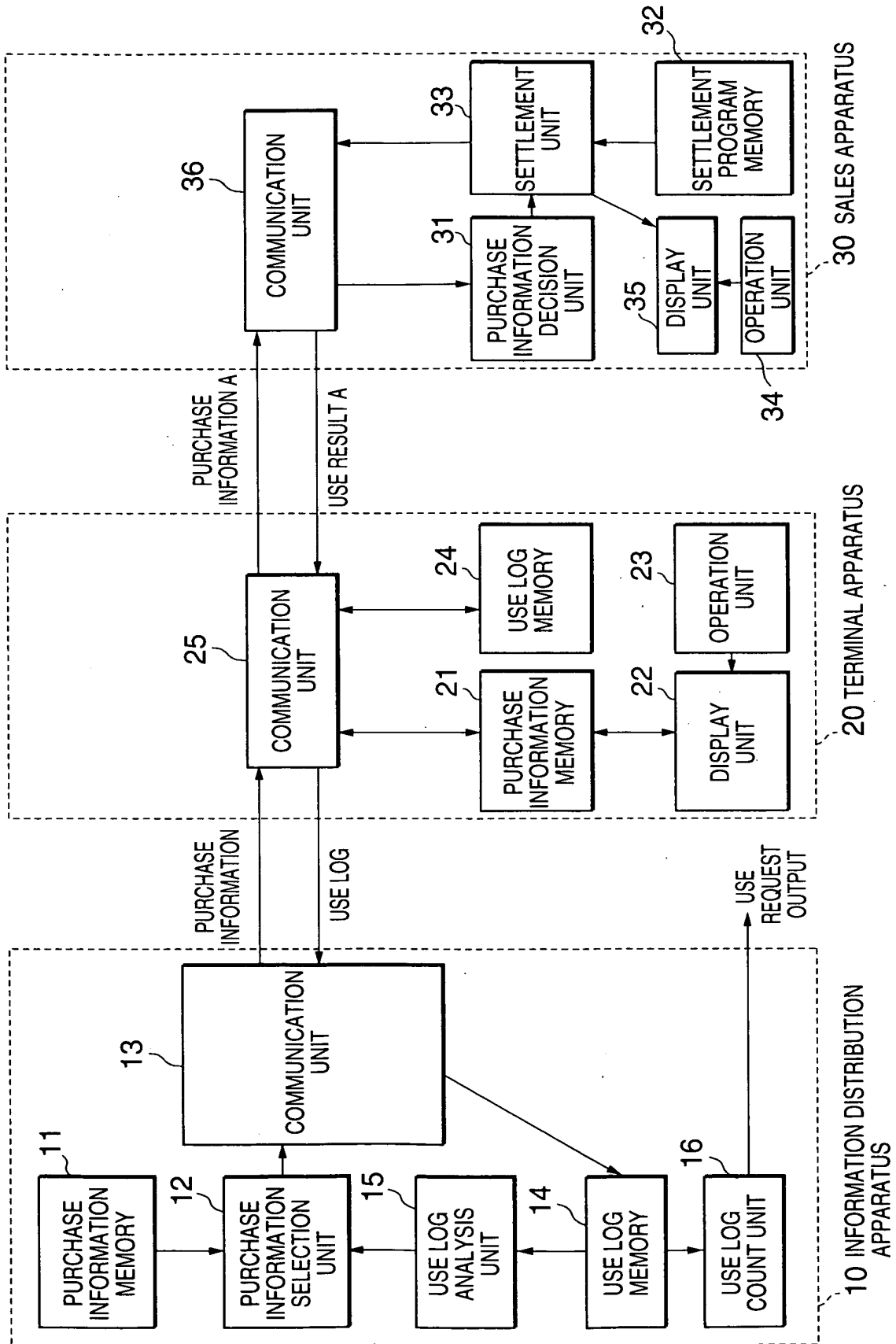


FIG. 23

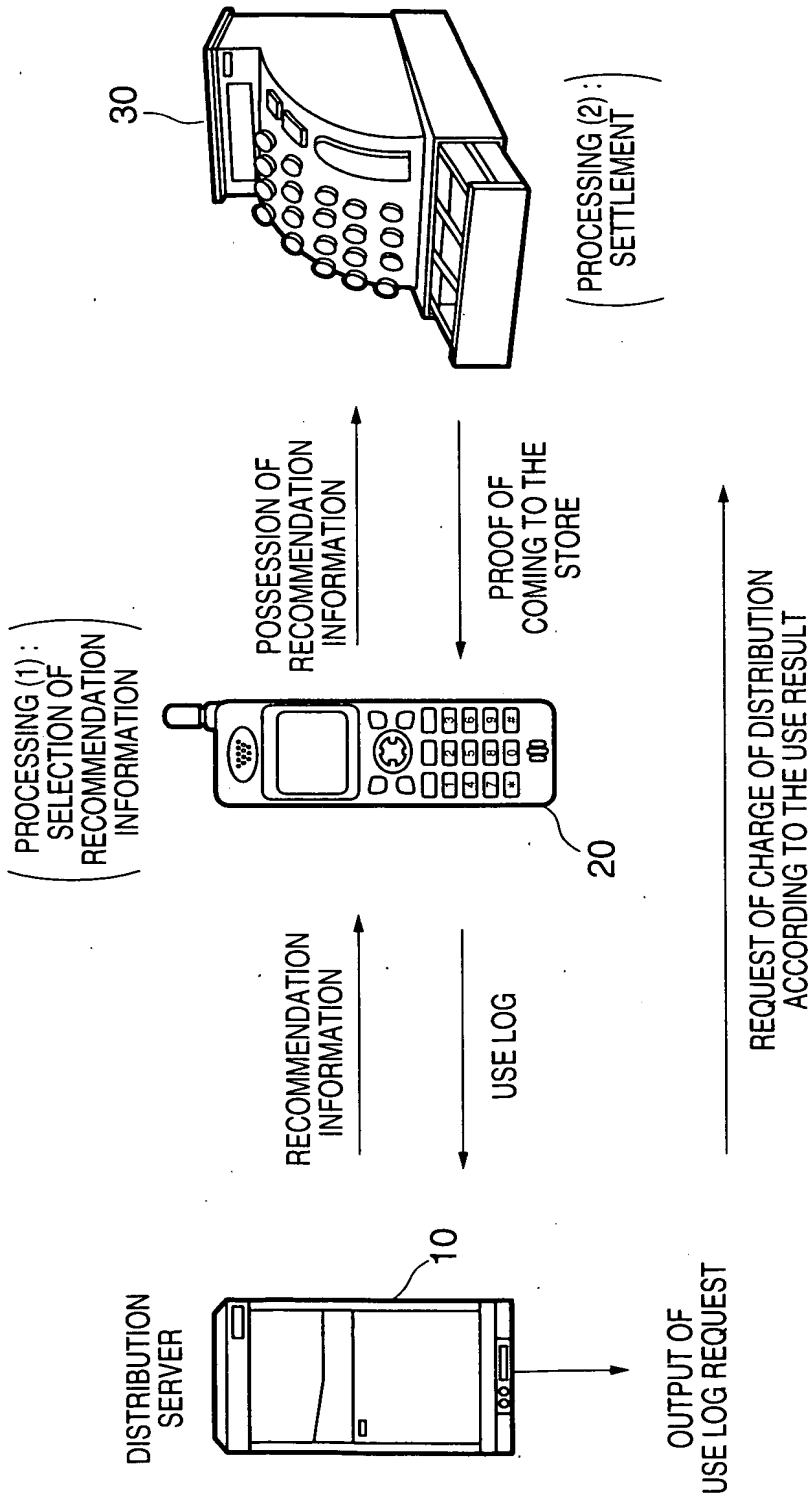


FIG. 24

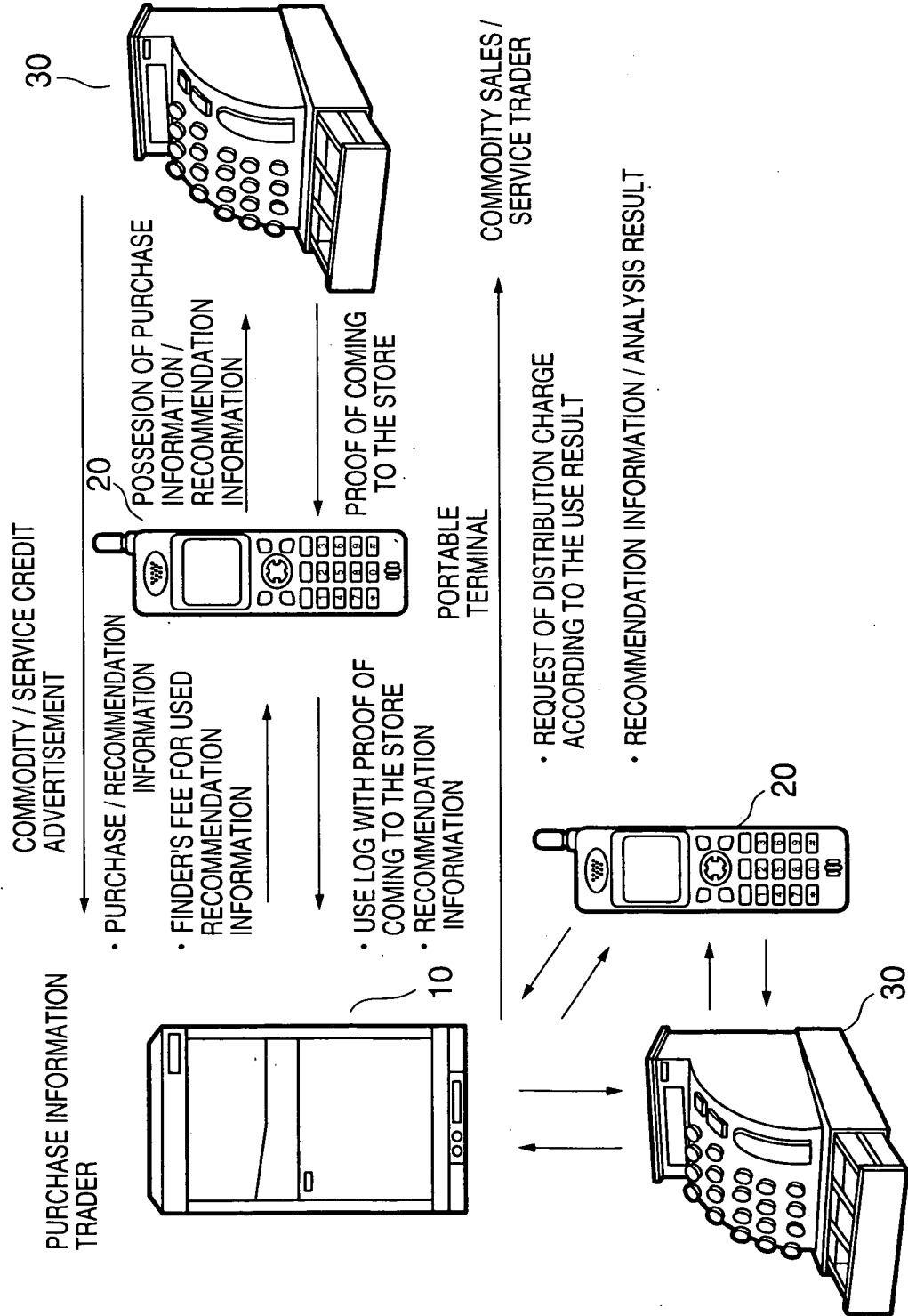


FIG. 25